

CLAIMS

What is claimed is:

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1. A polypropylene resin composition comprising:

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(a) 50-80 wt.% of ethylene-propylene block copolymer consisting of 70-100 wt.% of propylene polymer and 0-30 wt.% of ethylene-propylene copolymer;

(b) 5-20 wt.% of ethylene-propylene copolymer rubber;

(c) 5-20 wt.% of ethylene α -olefin copolymer having an α -olefin content of 15-40 wt.%;

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(d) 1-15 wt.% of a resin having polar groups selected from the group consisting of -COOH, -OH, and -CN; and

(e) 5-40 wt.% of an inorganic filler.

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2. The polypropylene resin according to claim 1, wherein said ethylene-propylene block copolymer has higher than 3.0 dL/g of limit viscosity $[\eta]$.

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3. The polypropylene resin according to claim 1, wherein said ethylene-propylene copolymer rubber has 0.3-10 g/10min of melt index at 230°C.

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4. The polypropylene resin according to claim 1, wherein said polar group-containing resin is selected from the group consisting of carboxylic acid modified polypropylene with the graft ratio larger than 0.5 wt.%, acrylonitrile butadiene rubber having an acrylonitrile content of 25-40 wt.%, polyolefinpolyol

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having a viscosity of 10-16 poise at 100°C, and a mixture thereof.

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5. The polypropylene resin according to claim 1, wherein said inorganic filler is talc with average particle diameter smaller than 5µm.

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